

DART AEROSPACE USA, INC.

IIN-D119-646

Page 19 of 23

Item	Qty -011	Qty -012	Qty -111	Qty -112	Qty -211	Qty -212	Qty -041	Qty -141	Qty -151	Qty -241	Qty -251	Qty -311	Part Number	Description
69	24	24	24	24	24	24							AN960C416L	WASHER (OR NAS1149C0432R)
70	8	8	8	8	8	8							AN960C516L	WASHER (OR NAS1149C0532R)
71	8	8	8	8	8	8							MS21043-3	NUT
72	12	12	12	12	12	12							MS21043-4	NUT
73	12	12	12	12	12	12							D2712	SET SCREW
74	16	16	16	16	16	16							D3672-7	WASHER
75	24	24	24	24	24	24							D3672-3	WASHER
76	8	8	8	8	8	8							D3672-7	WASHER
80	1	1	1	1	1	1							D3407-041	TOW RING
81	1	1	1	1	1	1							D3417-5	WASHER
82	1	1	1	1	1	1							D3456-1	WASHER
83	1	1	1	1	1	1							MS21043-4	NUT
84	1	1	1	1	1	1							D3417-7	WASHER
90												2 ✓	D3886-041	LUG ASSEMBLY
91												8 ✓	D2652	BUSHING
92												4 ✓	AN3C46A	BOLT
93												4 ✓	AN960C10L	WASHER (OR NAS1149C0332R)
94												4 ✓	MS21043-3	NUT

47812

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Revision: B

Date: 09.06.29

4.0 PARTS LIST

4.1 Standard Skidtubes

Item	Qty -011	Qty -012	Qty -111	Qty -112	Qty -211	Qty -212	Qty -041	Qty -141	Qty -151	Qty -241	Qty -251	Qty -311	Part Number	Description
	X												D119-646-011	STANDARD SKIDTUBE INSTALLATION WITH WEARPADS, LH
		X											D119-646-012	STANDARD SKIDTUBE INSTALLATION WITH WEARPADS, RH
			X										D119-646-111	STANDARD SKIDTUBE INSTALLATION WITH FULL LENGTH WEARPLATES & WEARPADS, LH
				X									D119-646-112	STANDARD SKIDTUBE INSTALLATION WITH FULL LENGTH WEARPLATES & WEARPADS, RH
					X								D119-646-211	STANDARD SKIDTUBE INSTALLATION WITH TRAINING WEARPLATES, LH
						X							D119-646-212	STANDARD SKIDTUBE INSTALLATION WITH TRAINING WEARPLATES, RH
	1	1					X						D119-646-041	REPLACEMENT STANDARD SKIDTUBE WITH WEARPADS
			1	1				X					D119-646-141	REPLACEMENT STANDARD SKIDTUBE WITH FULL LENGTH WEARPLATES & WEARPADS
									X				D119-646-151	WEARPLATE KIT STANDARD SKIDTUBE
					1	1				X			D119-646-241	REPLACEMENT STANDARD SKIDTUBE WITH TRAINING WEARPLATES
											X		D119-646-251	TRAINING WEARPLATES STANDARD SKIDTUBE
	1	1	1	1	1	1						X	D119-646-311	GROUND HANDLING KIT
1							1						D3887-041	STANDARD SKIDTUBE ASSY. WITH WEARPAD
20								1					D3887-043	STANDARD SKIDTUBE ASSY. WITH WEARPLATE & WEARPAD
26									1				D3847-043	FWD WEARPLATE ASSY
27									1				D3847-045	CENTER WEARPLATE ASSY
28									1				D3847-047	AFT WEARPLATE ASSY
29									5				D3847-1	WEARPAD
30									1				D3847-11	WEARPAD
31									30				AN3C5A	BOLT
32									30				AN960C10L	WASHER (OR NAS1149C0332R)
40										1			D3887-045	STANDARD SKIDTUBE ASSY. TRAINING WEARPLATE
44											1		D3849-041	FWD TRAINING WEARPLATE ASSY
45											1		D3849-043	AFT TRAINING WEARPLATE ASSY
51											16		D3904-1	WASHER
52											8		AN3C46A	BOLT
53											8		MS21043-3	NUT
60	2		2		2								D3883-1	SADDLE, OUTSIDE, LH
61		2		2		2							D3883-2	SADDLE, OUTSIDE, RH
62	2		2		2								D3884-1	SADDLE, INSIDE, LH
63		2		2		2							D3884-2	SADDLE, INSIDE, RH
64	16	16	16	16	16	16							D2652	BUSHING
65	8	8	8	8	8	8							AN3C50A	BOLT
66	12	12	12	12	12	12							AN4C6A	BOLT
67	8	8	8	8	8	8							MS21250-05006	BOLT
68	8	8	8	8	8	8							AN960C10L	WASHER (OR NAS1149C0332R)

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Revision: B

Date: 09.06.29

47812

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 07/05/2009 4:27:14 PM
User: Melanie Fauteux

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: GROUND HANDLING KIT

Job Number: 47812

Part Number: D119646311

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

MS210434

Nut



2x

Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Nut

batch: M111819

9/6/12

SP

7.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D119-646-311

Location: _____

PPP Rev: _____

STORE IN ENG'G SHED

ENG USE ONLY

PA 19-09-02

8.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



QC4.

PA 09-09-01

**ENGINEERING
APPROVAL**

POSITIVE RECALL

EFFECTIVE 09-08-12 AUTH MF

RELEASED MF DATE 09-09-02

MF 09-07-09

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 07/05/2009 4:27:14 PM
 User: Melanie Fauteux

Process Sheet

Customer :	CU-DAR001 Dart Helicopters Services	Drawing Name :	GROUND HANDLING KIT
Job Number :	47812		
Estimate Number :	13922		
P.O. Number :		Part Number :	D119646311
This Issue :	07/05/2009	S.O. No. :	
Prsht Rev. :	NC	Drawing Number :	N/A
First Issue :	//	Project Number :	N/A
Previous Run :		Drawing Revision :	PRELIM
Written By :		Material :	
Checked & Approved By :	<u>MF 09-05-07</u>	Due Date :	14/05/2009
Comment :	Est Rev:A 09-05-05 new issue EC verified by:DD	Qty:	<u>2</u> Um: Each

Additional Product

PRELIMINARY ISSUE[#]

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	DC	DOCUMENT CONTROL
-----	----	------------------



Comment: DOCUMENT CONTROL

Photocopy bluefile & type labels per PPP D119-646-311 CHG001

2.0	D3886041	GHW Lug Assembly
-----	----------	------------------



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

GHW Lug Assembly

batch: 47819MF 09-06-23

3.0	D2652	Bushing
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Comment: Qty.: 8.0000 Each(s)/Unit Total: 8.0000 Each(s)

Bushing

batch: B476499/6/2SP

4.0	AN3C46A	BOLT
-----	---------	------



Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

BOLT

batch: M1061769/6/2SP

5.0	AN960C10L	washer
-----	-----------	--------



Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

washer

batch: M118089/6/2(2x)SP

Work Order ID 47812

June 26, 2009 12:28:31 PM



Page 2

Item ID: D119-646-311

Accept



Setup Start



Revision ID: PRELIMINARY

Stop



Item Name: GROUND HANDLING KIT

Start Date: 15/07/2009 Start Qty: 1.00



Cust Item ID:

Required Date: 03/08/2009 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 	Packaging	0.00							
	Memo Identify and pack for shipping as per PPP D119-646-311 Location: _____ PPP rev: _____	0.00							
140 	QC21- Final Inspection - Work Order Release	0.00							
	Memo Quality Control	0.00							

MF 09-07-09

Work Order ID 47812

June 26, 2009 12:28:31 PM

**PRELIMINARY ISSUE**

Page 1

Item ID: D119-646-311
Revision ID: PRELIMINARY
Item Name: GROUND HANDLING KIT

Accept



Setup Start



Stop



Start Date: 15/07/2009 Start Qty: 1.00
Required Date: 03/08/2009 Req'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: Date: Tooling: Date:
QC: Date: SPC (Y/N): Date:

Run Start



Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								

100

0.00



DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP D119-646-311
CHG001

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

120

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control